

United States of America  
Department of Transportation -- Federal Aviation Administration  
**Supplemental Type Certificate**

*Number* ST01722NY-D

*This certificate issued to*

PATS Aircraft, LLC.  
21652 Nanticoke Avenue  
Georgetown, DE 19947

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 25 of the Federal Aviation Regulations.*

*Original Product -- Type Certificate Number:* A16WE

*Make:* Boeing

*Model:* 737-700C

*Description of Type Design Change:*

Installation of a Six-Cell Auxiliary Fuel System in the forward and aft cargo compartments in accordance with PATS Aircraft, LLC. Master Drawing List 5927-0001-MDL, revision A dated December 29, 2007.

*Limitations and Conditions:*

1. No Standard Certificate of Airworthiness may be issued for this Supplemental Type Certificate until the Instructions for Continued Airworthiness are accepted by the Aircraft Evaluation Group and the Limitations Section (Chapter 5) approved by the New York Aircraft Certification Office.
2. PATS Aircraft LLC, Airplane Flight Manual Supplement No. 198 for a Six-Cell (2 Fwd/4 Aft) Auxiliary Fuel System, FAA approved revision IR dated December 29, 2007, is required.
3. The installation of the auxiliary fuel tank system, installed per this supplemental type certificate, has been evaluated in accordance with AC 120-42A, Paragraph (8). This installation has no adverse effect on the previously approved ETOPS capability of the type-certificated aircraft.

(See continuation sheet 2)

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* October 1, 2007

*Date reissued:* March 27, 2008

*Date of issuance:* December 31, 2007

*Date amended:*



*By direction of the Administrator*

*David E. Warner*  
(Signature)

David E. Warner  
DAS administrator  
DAS-955292-NE

(Title)

United States of America  
Department of Transportation -- Federal Aviation Administration

# Supplemental Type Certificate

(Continuation Sheet)

*Number* ST01722NY-D

Date Reissued March 27, 2008

*Limitations and Conditions* (Continued):

4. This approval should not be incorporated in any aircraft of this specific model on which other approved modifications are incorporated, unless it is determined that the interrelationship between this change and any of those previously incorporated approved modifications will not introduce any adverse effect upon the airworthiness of the aircraft.
5. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the person written evidence of that permission.
6. These modifications may not be installed after June 7, 2010 unless (1) previously approved electrical wiring interconnection system (EWIS) instructions for continued airworthiness (ICA) have been evaluated and determined to be adequate for these installations by the FAA, or (2) revised EWIS ICA have been approved by the FAA Oversight Office. (Refer § 26.11).

*Certification Basis:*

1. Based on 14 CFR § 21.115 and § 21.101, and the FAA policy for changes that are not significant in FAA Order 8110.48, the certification basis for these modifications are as follows:

The existing type certification basis for Boeing Model 737-700 series as shown on FAA type certificate data sheet A16WE with the following exceptions:

25.561 Amendment 25-64  
25.853 Amendment 25-116  
25.856 Amendment 25-111

**Part 26 regulations**

26.11 Amendment 26-0  
26.49 Amendment 26-1

...END...



**DECRA NE AEROSPACE**  
*PATS Aircraft Completions*

21652 Nanticoke Avenue  
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Fax: 302.855.5801

March 27, 2008

Federal Aviation Administration – NY ACO  
Attention: Mr. Anthony Socias  
Manager – NY ACO  
1600 Stewart Avenue  
4<sup>th</sup> Floor, Suite 410  
Westbury, NY 11590

Subject: STC ST01722NY-D Transmittal

Dear Mr. Socias,

In accordance with our DAS manual procedures, I have re-issued the Supplemental Type Certificate (STC) for installation of Six-Cell (2 FWD/4 AFT) Auxiliary Fuel System in the cargo compartment in a Boeing 737-700C aircraft for DAS Project No. DAS-GED-P043.

Based upon our previous discussion to add an EWIS and certification basis statement, I have re-issued STC ST01722NY-D, dated March 27, 2008.

Fabrication of parts under this STC shall be in accordance with PATS Aircraft, LLC. Master Drawing List BBJ0500, revision AF dated July 12, 2007, plus ECO's through AF82 dated January 3, 2008.

A copy of this STC will be maintained as part of the permanent records for the aircraft.

If you have any questions, please do not hesitate to contact me.

Sincerely,

David E. Warner  
VP & Administrator of DAS-955292-NE

DEW/ld

Enclosure

Cc: Cliff Todd (QC), George Duckett - NYACO (OMT Lead), Doc. Control, DAS file, Project Book